

City/State/Zip: Linden, NJ 07036

City/State: Edison, NJ

DATE: 5/1/79

10/14/22
Initials/Date

1997

WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

10 paint thinner spill	Non-drum containers	Ref: 6	WQ value	maximum
Volume	3.10E+03 gals		6.20E+00	6.20E+00
Approximately 3100 gallons of paint thinner spilled when a pipe in the paint mix building broke in December 1988. The thinner, which contained MEK, acetone, MIBK, and Toluol, entered a GM storm drain, discharged to West Brook, and caused a fish kill.				
Ref: 6				
11 contam. soil at USTs	Contaminated soil		WQ value	maximum
Area	1.00E+03 sq ft		2.94E-02	2.94E-02
The area of the former UST location is unknown. It is estimated to be 1000 square feet.				

WQ total 6.23E+00

** Only First WC Page Is Printed ** | Waste Characteristics Score: WC = 18

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Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	Y
Is the source a type likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	N
Is precipitation heavy? (y/n/u)	Y
Is the infiltration rate high? (y/n/u)	N
Is the site located in an area of karst terrain? (y/n)	N
Is the subsurface highly permeable or conductive? (y/n/u)	N
Is drinking water drawn from a shallow aquifer? (y/n/u)	N
Are suspected contaminants highly mobile in ground water? (y/n/u)	Y
Does analytical or circumstantial evidence suggest ground water contamination? (y/n/u)	Y
Other criteria? (y/n)	N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for Suspected Release:

There has been a release of contaminants, including volatile organics and base/neutral extractable compounds, from leaking underground storage tanks to groundwater. Thirteen shallow (<20 feet) exploration groundwater monitoring wells and four intermediate wells were installed on the GM site. The wells were sampled in December, 1989 and 1990, as part of an UST investigation. The results of the chemical analysis of these samples indicate that seven of the MW contain elevated levels of chlorinated solvents. The sample from MW BEC-4D also indicated levels of toluene (88.0ppb). Low levels of semi-volatile/base neutral compounds were found in seven of the sixteen groundwater samples collected in December.

Ref: 22 p.6

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Ground Water Pathway Criteria List
Primary Targets

Is any drinking water well nearby? (y/n/u)	N
Has any nearby drinking water well been closed? (y/n/u)	N
Has any nearby drinking water well user reported foul-testing or foul-smelling water? (y/n/u)	N
Does any nearby well have a large drawdown/high production rate? (y/n/u)	N
Is any drinking water well located between the site and other wells that are suspected to be exposed to a hazardous substance? (y/n/u)	N
Does analytical or circumstantial evidence suggest contamination at a drinking water well? (y/n/u)	N
Does any drinking water well warrant sampling? (y/n/u)	N
Other criteria? (y/n)	N

PRIMARY TARGET(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Targets:

1045 persons are reported to use private wells within 1 to 4 mile radius of the site. The remaining populations within a four mile radius receive drinking water from municipal water supply companies. The water comes from surface water intakes on the Raritan River, Millstone River, Delaware/Raritan Canal, and the North Branch of the Rahway River, as well as, several reservoirs in New Jersey and New York. There are no production wells in use within 4 miles of the GM site.

Ref: 27,28,29,30,31,32

GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics

			Ref.
Do you suspect a release? (y/n)	Yes		22
Is the site located in karst terrain? (y/n)	No		25
Depth to aquifer (feet):	35		26
Distance to the nearest drinking water well (feet):	5280		33
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =	550	0	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) N	7	0	
5. NEAREST WELL	5	0	
6. WELLHEAD PROTECTION AREA None within 4 Miles	0	0	
7. RESOURCES	5	0	
T =	17	0	

WASTE CHARACTERISTICS

WC = 18 0

GROUND WATER PATHWAY SCORE:

2

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Ground Water Target Populations

Primary Target Population Drinking Water Well ID	Dist. (miles)	Population Served	Reference	Value
None				
*** Note : Maximum of 5 Wells Are Printed ***			Total	

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	0	33,34	0
Greater than 1/4 to 1/2 mile	0	33,34	0
Greater than 1/2 to 1 mile	0	33,34	0
Greater than 1 to 2 miles	51	33,34	1
Greater than 2 to 3 miles	152	33,34	2
Greater than 3 to 4 miles	842	33,34	4
		Total	7

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Apportionment Documentation for a Blended System

Wells are not part of a blended system.

Ref: 27

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Surface Water Pathway Criteria List
Suspected Release

Is surface water nearby? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	N
Is the drainage area large? (y/n/u)	Y
Is rainfall heavy? (y/n/u)	Y
Is the infiltration rate low? (y/n/u)	Y
Are sources poorly contained or prone to runoff or flooding? (y/n/u)	Y
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	Y
Is vegetation stressed along the probable runoff path? (y/n/u)	N
Are sediments or water unnaturally discolored? (y/n/u)	N
Is wildlife unnaturally absent? (y/n/u)	N
Has deposition of waste into surface water been observed? (y/n/u)	Y
Is ground water discharge to surface water likely? (y/n/u)	Y
Does analytical/circumstantial evidence suggest S.W. contam? (y/n/u)	Y
Other criteria? (y/n)	N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for Suspected Release:

A release of a hazardous substance has occurred from the paint mix building. A 2-inch pipe carrying paint thinner into the paint shop broke at a check valve in the line. Approximately 3,100 gallons of thinner escaped, 800 gallons of which was recovered. The thinner entered a storm drain on GM property and was discharged to West Brook where it caused a fish kill. The thinner consisted mostly of volatiles, such as methyl ethyl ketone, acetone, methyl isobutyl ketone and toluol.

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Ref: 6,17,18,19,23

Surface Water Pathway Criteria List
Primary Targets

Is any target nearby? (y/n/u) If yes: Y
 N Drinking water intake
 Y Fishery
 Y Sensitive environment

Has any intake, fishery, or recreational area been closed? (y/n/u) N

Does analytical or circumstantial evidence suggest surface water
contamination at or downstream of a target? (y/n/u) Y

Does any target warrant sampling? (y/n/u) If yes: Y
 N Drinking water intake
 Y Fishery
 Y Sensitive environment

Other criteria? (y/n) N

PRIMARY INTAKE(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Intakes:

The nearest drinking water intake is located on the North Branch of the Rahway River. The intake is 1 mile upstream of the point of tidal reversal for the Rahway River and therefore, not within the target distance limit for the surface water pathway.

Ref: 6,30,38,39
continued -----

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continued -----

Other criteria? (y/n) N

PRIMARY FISHERY(IES) IDENTIFIED? (y/n) Y

Summarize the rationale for Primary Fisheries:

A fish kill was observed in West Brook in 1988 due to contamination in the storm drain which discharges to the brook. The contamination extended 1/2 mile downstream. The entire length of West Brook is classified as a FW2-TP(C1) water, which indicates it is a trout production waters.

Ref: 44

Other criteria? (y/n) N

PRIMARY SENSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n) Y

Summarize the rationale for Primary Sensitive Environments:

A spill of 3,100 gallons of paint thinner was observed 1/2 mile downstream in West Brook. West Brook flows into two reservoirs before entering into Morses Creek, which discharges to the Arthur Kill and is tidally influenced by the Kill. There are wetlands associated with each of these surface water bodies in addition to wildlife habitat for Federal and state designated endangered and threatened species. No sampling has been reported at the West Brook.

Ref: 19,40,41

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SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics			Ref.
Do you suspect a release? (y/n)	Yes		44
Distance to surface water (feet):	1320		6
Flood frequency (years):	>500		35
What is the downstream distance (miles) to:			
a. the nearest drinking water intake?	N.A.		28
b. the nearest fishery?	0.3		44
c. the nearest sensitive environment?	0.3		40
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =	550	0	

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Drinking Water Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
3. Determine the water body type, flow (if applicable), and number of people served by each drinking water intake.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): N	0	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	5	0	
T =	5	0	

Drinking Water Threat Target Populations

Intake Name	Primary (y/n)	Water Body Type/Flow	Population Served	Ref.	Value
None					
Total Primary Target Population Value					0
Total Secondary Target Population Value					0

*** Note : Maximum of 6 Intakes Are Printed ***

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Apportionment Documentation for a Blended System

Ref:

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Human Food Chain Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
8. Determine the water body type and flow for each fishery within the target limit.			
9. PRIMARY FISHERIES	300		
10. SECONDARY FISHERIES	0	0	
T =	300	0	

Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 West Brook	Y	primary fishery	44	300
2 Morses Creek	N	>100-1000 cfs		12
3 Arthur Kill	N	>10000 cfs		12
4 Newark Bay	N	Coastal,ocean,Gr.Lake		12
Total Primary Fisheries Value				300
Total Secondary Fisheries Value				0

*** Note : Maximum of 6 Fisheries Are Printed ***

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Environmental Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
11. Determine the water body type and flow (if applicable) for each sensitive environment.			
12. PRIMARY SENSITIVE ENVIRONMENTS	300		
13. SECONDARY SENSITIVE ENVIRONS.	0	0	
T =	300	0	

Environmental Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 West Brook	Y	primary sens. envir.	44	300
2 Morses Creek	N	>100-1000 cfs	3	0
3 Rahway River	N	>100-1000 cfs	3	0
4 Tribs. of Rahway River	N	10-100 cfs	3	0
5 Arthur Kill	N	>10000 cfs	3	0
6 Newark Bay	N	Coastal,ocean,Gr.Lake	3	0
Total Primary Sensitive Environments Value				300
Total Secondary Sensitive Environments Value				0
*** Note: Maximum of 6 Sensitive Environments Are Printed ***				

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Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Targets(T) Score	Pathway Waste Characteristics (WC) Score	Threat Score LR x T x WC / 82,500
Drinking Water	550	5	32	1
Human Food Chain	550	300	32	64
Environmental	550	300	32	60

SURFACE WATER PATHWAY SCORE:

100

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Soil Exposure Pathway Criteria List
Resident Population

Is any residence, school, or daycare facility on or within 200 feet of an area of suspected contamination? (y/n/u)	N
Is any residence, school, or daycare facility located on adjacent land previously owned or leased by the site owner/operator? (y/n/u)	N
Is there a migration route that might spread hazardous substances near residences, schools, or daycare facilities? (y/n/u)	N
Have onsite or adjacent residents or students reported adverse health effects, exclusive of apparent drinking water or air contamination problems? (y/n/u)	N
Does any neighboring property warrant sampling? (y/n/u)	N
Other criteria? (y/n)	N

RESIDENT POPULATION IDENTIFIED? (y/n) N

Summarize the rationale for Resident Population:

There are no people that occupy residences, or attend school or day care on or within 200 feet of the site property. The site is completely covered with concrete or asphalt and it is entirely surrounded by a fence. The main security gate is guarded 24-hours a day. The other gates are locked and video cameras monitor the site.

Ref: 6

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SOIL EXPOSURE PATHWAY SCORESHEETS

Pathway Characteristics

	Ref.
Do any people live on or within 200 ft of areas of suspected contamination? (y/n)	No 6
Do any people attend school or daycare on or within 200 ft of areas of suspected contamination? (y/n)	No 6
Is the facility active? (y/n):	Yes 6

LIKELIHOOD OF EXPOSURE	Suspected Contamination	References
1. SUSPECTED CONTAMINATION LE =	550	

Targets

2. RESIDENT POPULATION 0 resident(s) 0 school/daycare student(s)	0	6 6
3. RESIDENT INDIVIDUAL	0	
4. WORKERS 101 - 1000	10	6
5. TERRES. SENSITIVE ENVIRONMENTS	0	
6. RESOURCES	5	
T =	15	

WASTE CHARACTERISTICS

WC =	18
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RESIDENT POPULATION THREAT SCORE:

2

NEARBY POPULATION THREAT SCORE:

2

Population Within 1 Mile: 10,001 - 50,000

SOIL EXPOSURE PATHWAY SCORE:

4

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Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		
*** Note : Maximum of 7 Sensitive Environments Are Printed ***		

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Air Pathway Criteria List
Suspected Release

Are odors currently reported? (y/n/u)	N
Has release of a hazardous substance to the air been directly observed? (y/n/u)	N
Are there reports of adverse health effects (e.g., headaches, nausea, dizziness) potentially resulting from migration of hazardous substances through the air? (y/n/u)	N
Does analytical/circumstantial evidence suggest release to air? (y/n/u)	N
Other criteria? (y/n)	N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

There has been neither an observed nor a suspected release of
contaminants to the air.

Ref: 6

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AIR PATHWAY SCORESHEETS

Pathway Characteristics

			Ref.
Do you suspect a release? (y/n)	No		
Distance to the nearest individual (feet):	0		6
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	144	
5. NEAREST INDIVIDUAL	0	20	
6. PRIMARY SENSITIVE ENVIRONS.	0		
7. SECONDARY SENSITIVE ENVIRONS.	0	1	
8. RESOURCES	0	5	
T =	0	170	

WASTE CHARACTERISTICS

WC = 0 18

AIR PATHWAY SCORE:

19

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Air Pathway Secondary Target Populations

Distance Categories	Population	References	Value
Onsite	500	6	52
Greater than 0 to 1/4 mile	14	33,34	1
Greater than 1/4 to 1/2 mile	483	33,34	3
Greater than 1/2 to 1 mile	12876	33,34	26
Greater than 1 to 2 miles	44672	33,34	27
Greater than 2 to 3 miles	70225	33,34	12
Greater than 3 to 4 miles	117800	33,34	23
Total Secondary Population Value			144

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Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

*** Note : Maximum of 7 Sensitive Environments Are Printed***

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
1 West Brook	0 - 1/4	6,23	0.1
2 Kings Creek	>1/4-1/2	39	0.0
3 Wetlands	>1/4-1/2	40,41	0.1
4 Kings Creek	>1/4-1/2	40,41	0.5
5 Kings Creek	>1/4-1/2	40,41	0.3
Total Secondary Sensitive Environments Value			1

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SITE SCORE CALCULATION	SCORE
GROUND WATER PATHWAY SCORE:	2
SURFACE WATER PATHWAY SCORE:	100
SOIL EXPOSURE PATHWAY SCORE:	4
AIR PATHWAY SCORE:	19
SITE SCORE:	51

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SUMMARY

1. Is there a high possibility of a threat to any nearby drinking water well(s) by migration of a hazardous substance in ground water? No

If yes, identify the well(s).

If yes, how many people are served by the threatened well(s)? 0

2. Is there a high possibility of a threat to any of the following by hazardous substance migration in surface water?
- | | |
|--|-----|
| A. Drinking water intake | No |
| B. Fishery | Yes |
| C. Sensitive environment (wetland, critical habitat, others) | Yes |

If yes, identity the target(s).
West Brook - primary fishery
Morses Creek - wetland

3. Is there a high possibility of an area of surficial contamination within 200 feet of any residence, school, or daycare facility? No

If yes, identify the properties and estimate the associated population(s)

4. Are there public health concerns at this site that are not addressed by PA scoring considerations? No

If yes, explain:

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OMB Approval Number: 2050-0095
Approved for Use Through: 4/95

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM			IDENTIFICATION		
			State: NJ		CERCLIS Number: NJD002186690
			CERCLIS Discovery Date:		
1. General Site Information					
Name: General Motors Corporation			Street Address: 1016 West Edgar Road		
City: Linden	State: NJ	Zip Code: 07036	County: Union	Co. Code: 20	Cong. Dist.: 06
Latitude: 40 38' 7.9"		Longitude: 74 15' 28.4"	Approx. Area of Site: 1500000 sq feet		Status of Site: Active
2. Owner/Operator Information					
Owner: General Motors Corporation (GM)			Operator: GM - Linden Assembly Plant		
Street Address: 1016 West Edgar Road			Street Address: 1016 West Edgar Road		
City: Linden			City: Linden		
State: NJ	Zip Code: 07036	Telephone: (908)474-4705	State: NJ	Zip Code: 07036	Telephone: (908)474-4705
Type of Ownership: Private			How Initially Identified: RCRA/CERCLA Notification		

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POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: NJ CERCLIS Number:
NJD002186690

CERCLIS Discovery Date:

3. Site Evaluator Information

Name of Evaluator: Joanne Kasternakis Agency/Organization: IT Corporation/Ebasco Date Prepared: 6/16/93

Street Address: 165 Fieldcrest Avenue City: Edison State: NJ

Name of EPA or State Agency Contact: Luz Martinez Telephone: (212)264-4561

Street Address: 26 Federal Plaza City: New York State: NY

4. Site Disposition (for EPA use only)

Emergency
Response/Removal
Assessment
Recommendation: No

CERCLIS
Recommendation:
Higher Priority SI

Signature: *Joanne Kasternakis/EA*

Date:

Date: 7/8/93

Name:
Joanne Kasternakis
Position:
Task Leader

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POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: NJ CERCLIS Number:
NJD002186690

CERCLIS Discovery Date:

5. General Site Characteristics

Predominant Land Uses Within
1 Mile of Site:
Industrial
Commercial
Residential

Site Setting:
Urban

Years of Operation:
Beginning Year: 1935
Ending Year: 1993

Type of Site Operations:
Manufacturing
Other Manufacturing
RCRA
Small Quantity Generator
'Converter'

Waste Generated:
Onsite

Waste Deposition Authorized
By: Present Owner

Waste Accessible to the Public
No

Distance to Nearest Dwelling,
School, or Workplace:
300 Feet

6. Waste Characteristics Information

Source Type	Quantity	Tier
Non-drum containers	3.10e+03 gals	V
Contaminated soil	1.00e+03 sq ft	A

General Types of Waste:
Solvents
Paints/Pigments
Acids/Bases
Oily Waste
Other:

Tier Legend

C = Constituent W = Wastestream
V = Volume A = Area

Physical State of Waste as Deposited
Solid
Liquid
Sludge

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM		IDENTIFICATION	
		State: NJ	CERCLIS Number: NJD002186690
		CERCLIS Discovery Date:	
7. Ground Water Pathway			
Is Ground Water Used for Drinking Water Within 4 Miles: No Yes	Is There a Suspected Release to Ground Water: Yes	List Secondary Target Population Served by Ground Water Withdrawn From:	
Type of Ground Water Wells Within 4 Miles: Private	Have Primary Target Drinking Water Wells Been Identified: No	0 - 1/4 Mile	0
		>1/4 - 1/2 Mile	0
		>1/2 - 1 Mile	0
		>1 - 2 Miles	51
		>2 - 3 Miles	152
		>3 - 4 Miles	842
		Total	1045
Depth to Shallowest Aquifer: 35 Feet	Nearest Designated Wellhead Protection Area: None within 4 Miles		
Karst Terrain/Aquifer Present: No			

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POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: NJ CERCLIS Number:
NJD002186690

CERCLIS Discovery Date:

8. Surface Water Pathway

Part 1 of 4

Type of Surface Water Draining
Site and 15 Miles Downstream:

Stream
River
Bay

Shortest Overland Distance From Any
Source to Surface Water:

1320 Feet
0.2 Miles

Is there a Suspected Release to
Surface Water: Yes

Site is Located in:
> 500 yr floodplain

8. Surface Water Pathway

Part 2 of 4

Drinking Water Intakes Along the Surface Water Migration Path: No

Have Primary Target Drinking Water Intakes Been Identified: No

Secondary Target Drinking Water Intakes:
None

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POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: NJ CERCLIS Number:
NJD002186690

CERCLIS Discovery Date:

8. Surface Water Pathway

Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: Yes

Secondary Target Fisheries:

Fishery Name	Water Body Type/Flow(cfs)
Morses Creek	moderate-large stream/ >100-1000
Arthur Kill	large river/ >10000
Newark Bay	Coastal,ocean,Gr.Lakes

8. Surface Water Pathway

Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) Yes

Have Primary Target Wetlands Been Identified? (y/n) No

Secondary Target Wetlands:

Water Body/Flow(cfs)	Frontage(mi)
minimal stream/ <10	>20

Other Sensitive Environments Along the Surface Water Migration Path: Yes

Have Primary Target Sensitive Environments Been Identified: Yes

Secondary Target Sensitive Environments:

Water Body/Flow(cfs)	Sensitive Environment Type
moderate-large stream/ >100-1000	State designated areas for aquatic life u
moderate-large stream/ >100-1000	State designated areas for aquatic life u
small-moderate stream/ 10-100	State designated areas for aquatic life u
large river/ >10000	State designated areas for aquatic life u

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POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: NJ CERCLIS Number:
NJD002186690

CERCLIS Discovery Date:

9. Soil Exposure Pathway

Are People Occupying Residences or
Attending School or Daycare on or
Within 200 Feet of Areas of Known
or Suspected Contamination: No

Number of Workers Onsite: 101 - 1000

Have Terrestrial Sensitive Environments Been Identified on or Within
200 Feet of Areas of Known or Suspected Contamination: No

10. Air Pathway

Total Population on or Within:	
Onsite	500
0 - 1/4 Mile	14
>1/4 - 1/2 Mile	483
>1/2 - 1 Mile	12876
>1 - 2 Miles	44672
>2 - 3 Miles	70225
>3 - 4 Miles	117800
Total	246570

Is There a Suspected Release to Air: No

Wetlands Located

Within 4 Miles of the Site: Yes

Other Sensitive Environments Located

Within 4 Miles of the Site: Yes

Sensitive Environments Within 1/2 Mile of the Site:

Distance	Sensitive Environment Type/Wetlands Area(acres)
0 - 1/4	State designated areas for aquatic life under Clean Water Act
>1/4 - 1/2	State designated areas for aquatic life under Clean Water Act
>1/4 - 1/2	Wetlands (1 to 50 acres)
>1/4 - 1/2	Habitat for Federally designated endangered/threatened species
>1/4 - 1/2	Habitat for State designated end/thr species

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